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David Garfinkle* (garfinkl@oakland.edu), Dept. of Physics, Oakland University, Rochester, MI 48309. *Gravitational wave memory.*

Gravitational wave memory is the change induced in a detector by the passage of a gravitational wave. This effect is explored using both exact and perturbative methods, as well as through analogy with a corresponding effect in electromagnetism. (Received August 17, 2014)